

FIG. 1

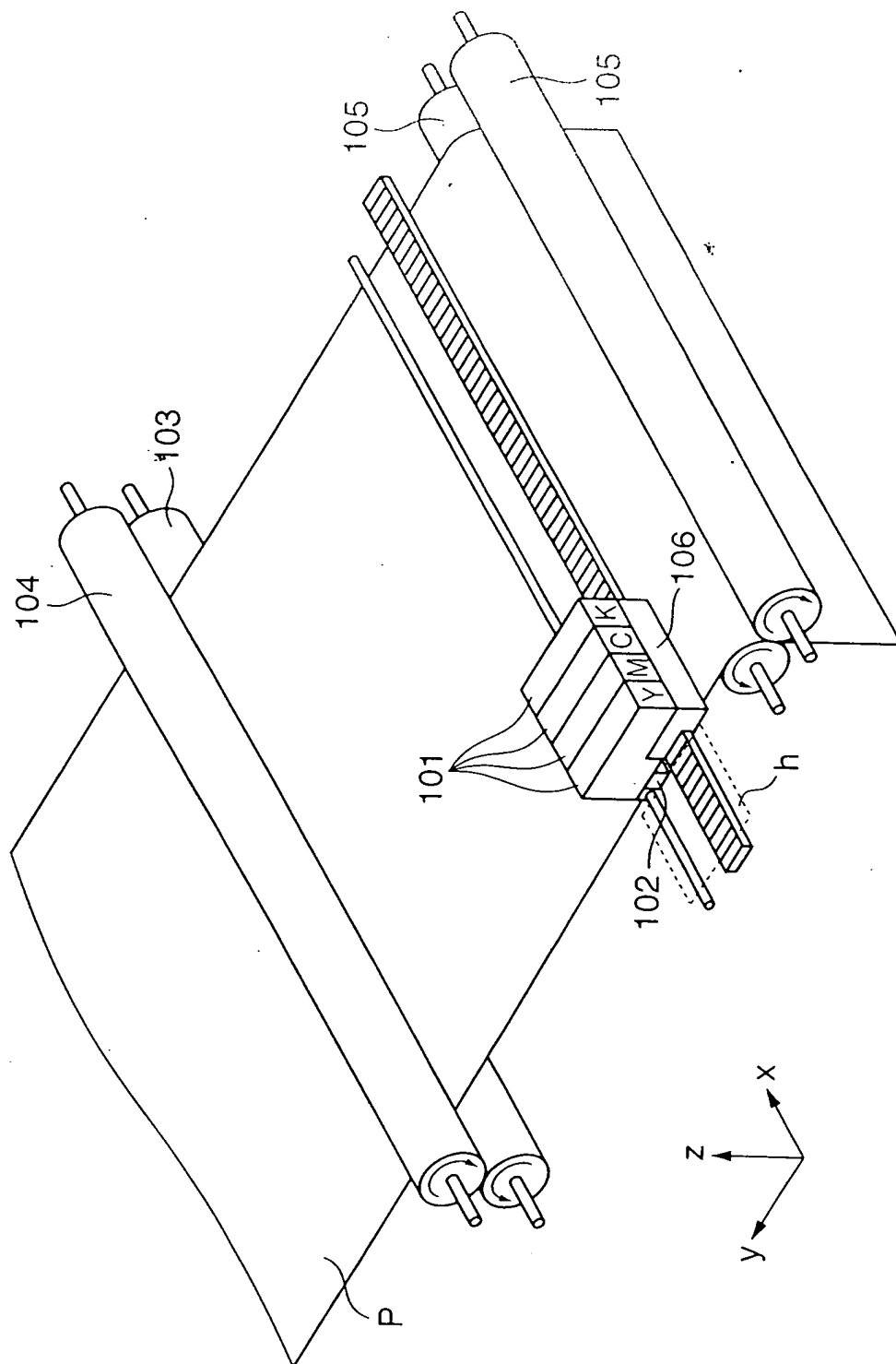


FIG. 2

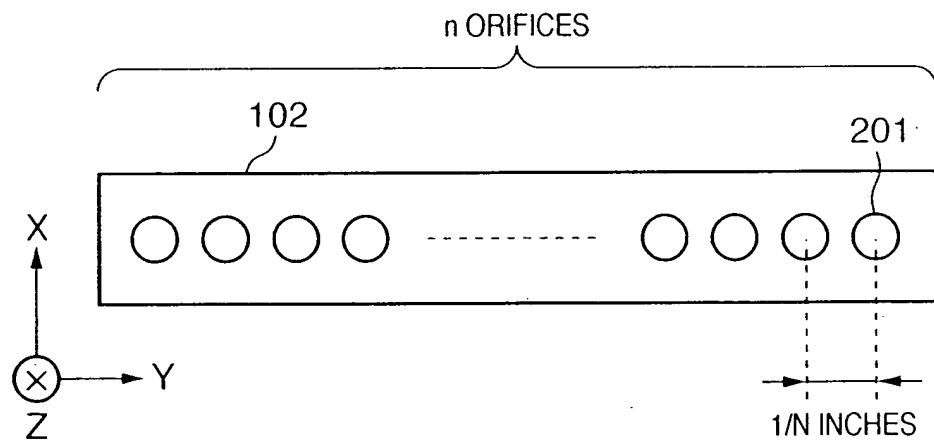
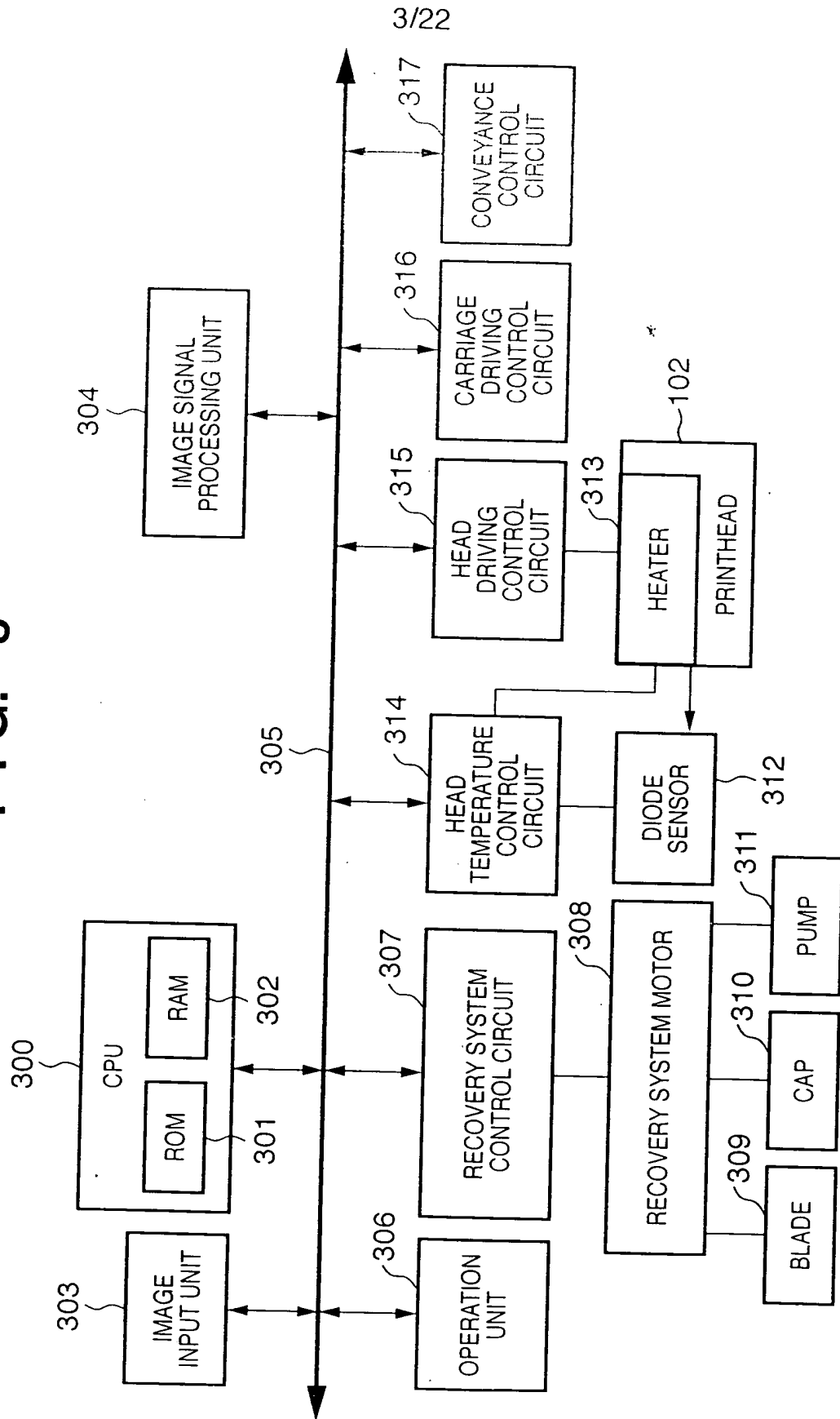


FIG. 3



4/22

FIG. 4

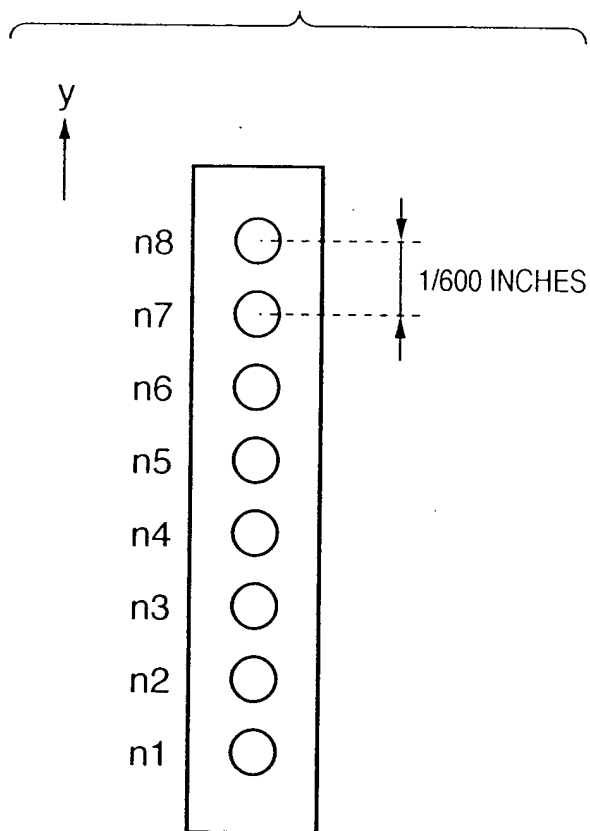
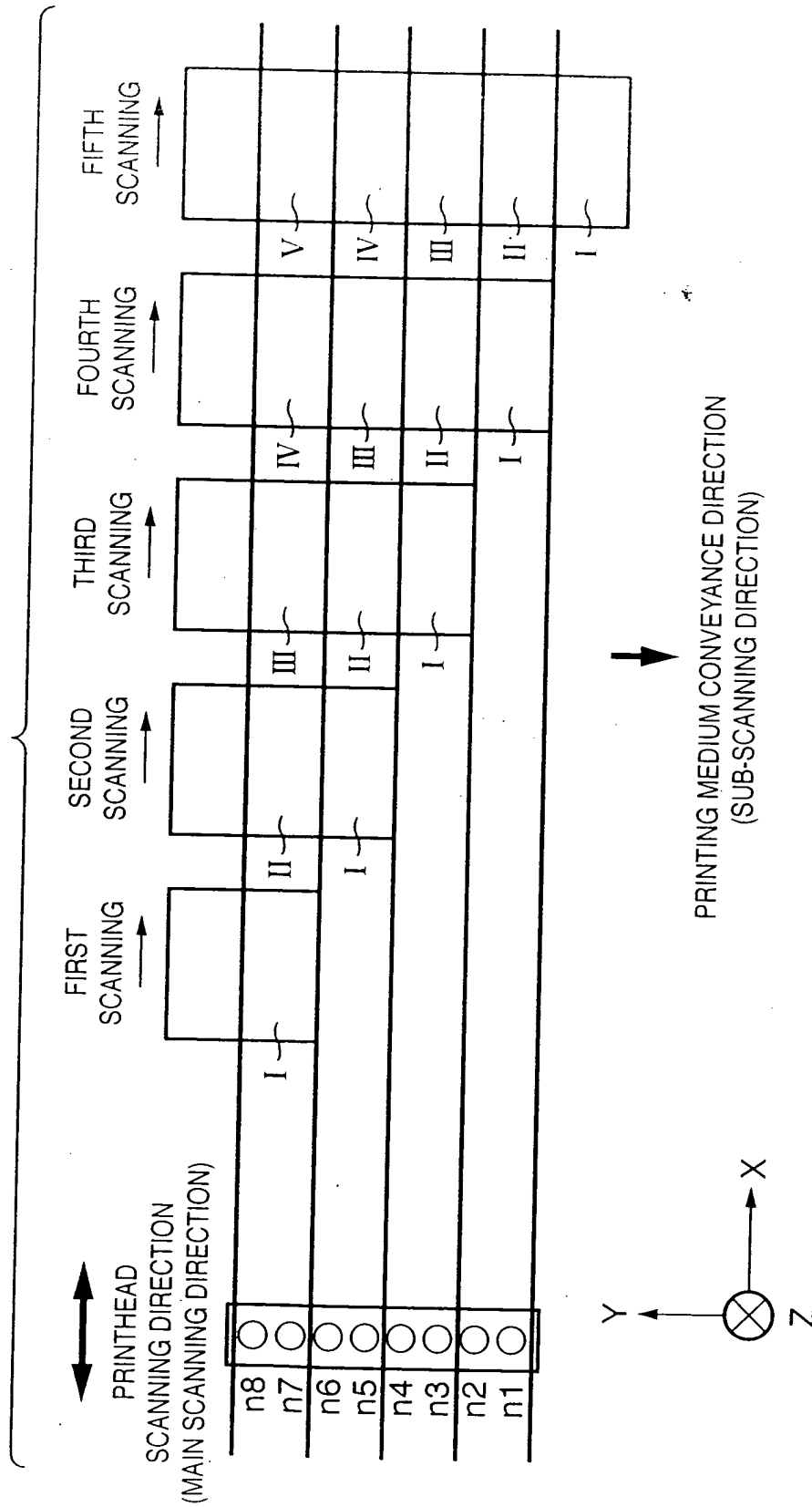


FIG. 5

QUANTIZATION LEVEL	NUMBER OF PRINTING DOTS	PIXEL DATA
0	0	· 0000
1	1	· 0001 · 0010 · 0100 · 1000
2	2	· 0011 · 1010 · 0101 · 1100 · 0110 · 1001
3	3	· 0111 · 1011 · 1101 · 1110
4	4	· 1111

FIG. 6



7/22

FIG. 7A

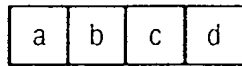


FIG. 7B

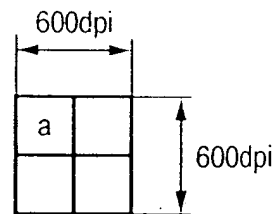
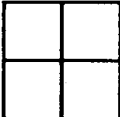
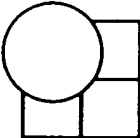
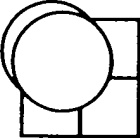
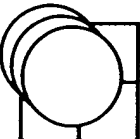
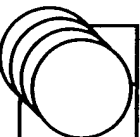


FIG. 7C

QUANTIZATION LEVEL	DOT LAYOUT (INK DROPLET ADHERING POSITION)
0	
1	
2	
3	
4	

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FIG. 8A

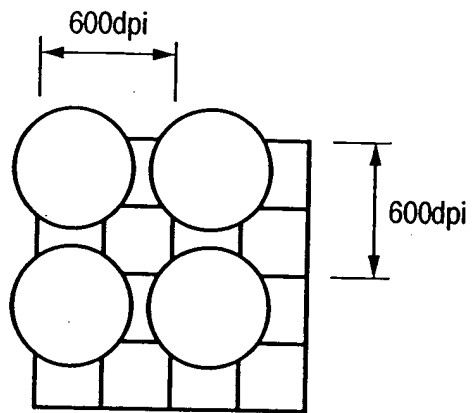


FIG. 8B

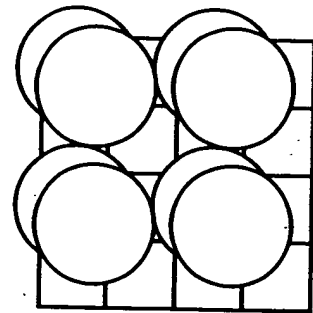


FIG. 8C

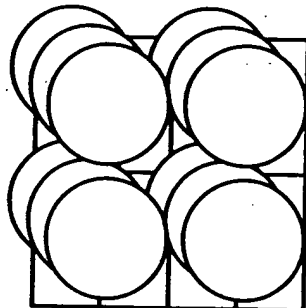


FIG. 8D

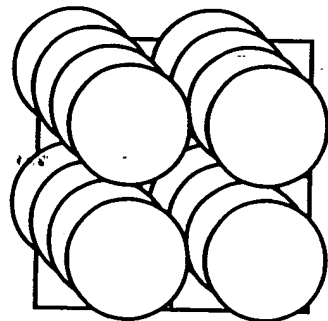
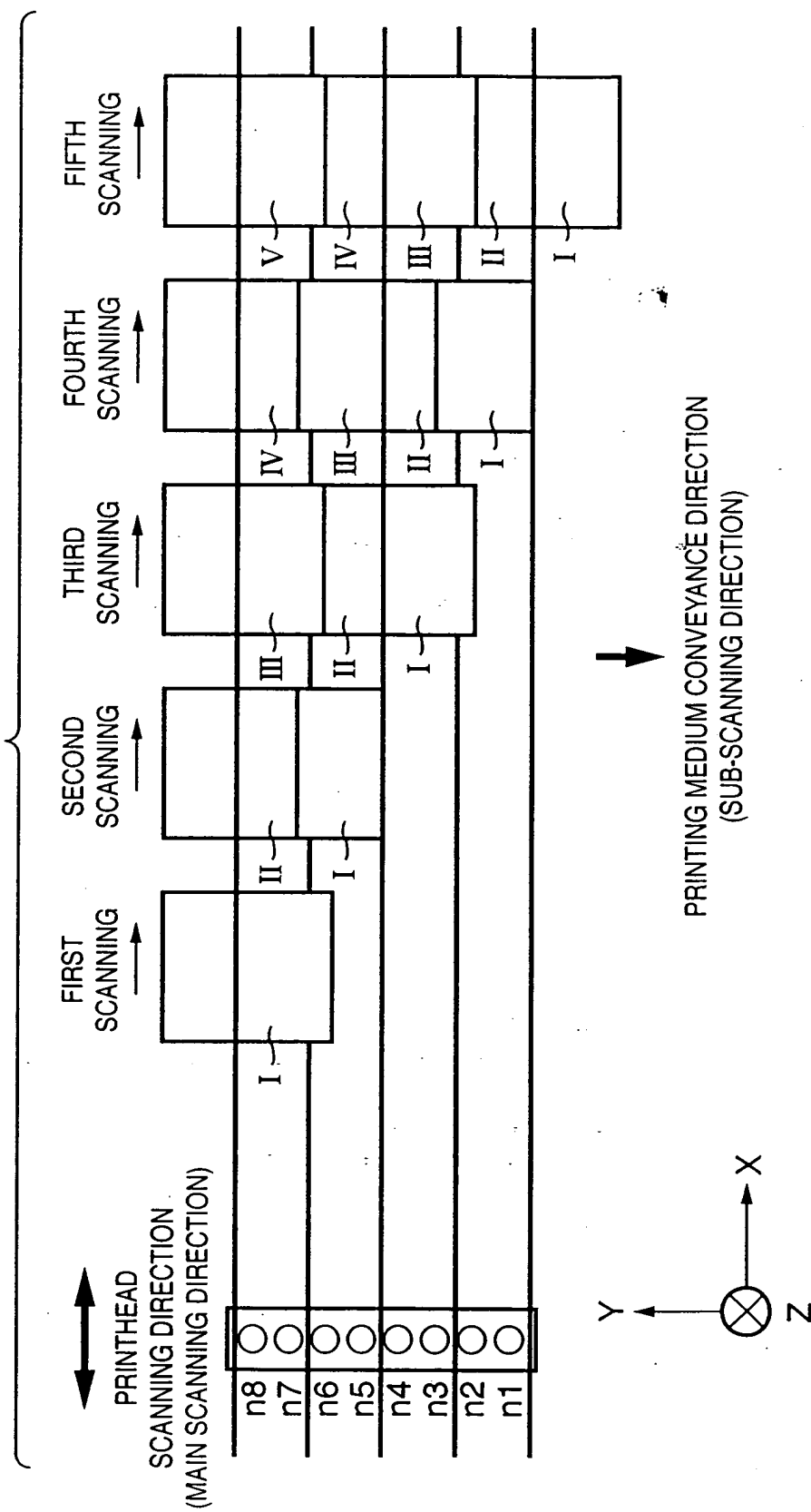


FIG. 9



10/22

FIG. 10A

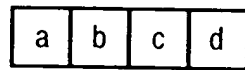


FIG. 10B

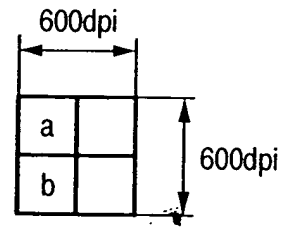


FIG. 10C

QUANTIZATION LEVEL	DOT LAYOUT (INK DROPLET ADHERING POSITION)
0	
1	
2	
3	
4	

FIG. 11A

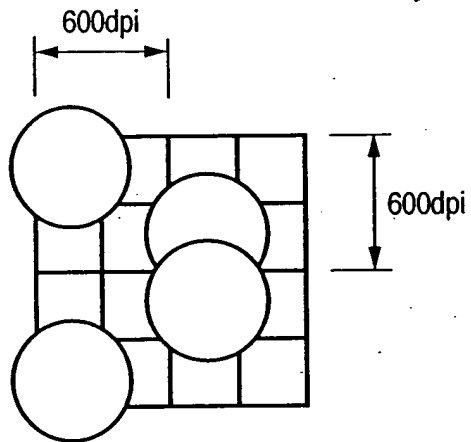


FIG. 11B

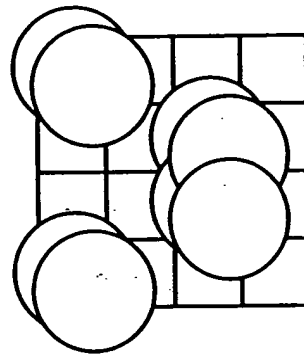


FIG. 11C

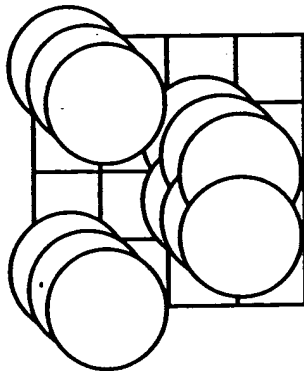
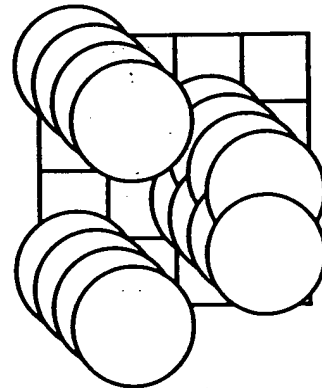


FIG. 11D



12/22

FIG. 12

	MAIN SCANNING SIZE OF PRINTING MEDIUM	DENSITY UNEVENNESS IN MAIN SCANNING DIRECTION AND SUB-SCANNING DIRECTION	GRAININESS
FIRST PRINTING OPERATION	3 INCHES	◎	○
	4 INCHES	○	○
	5 INCHES	△	○
	6 INCHES	×	○
	7 INCHES	×	◎
	8 INCHES	× ×	◎
SECOND PRINTING OPERATION	3 INCHES	◎	△
	4 INCHES	○	△
	5 INCHES	○	○
	6 INCHES	○	○
	7 INCHES	○	○
	8 INCHES	○	○

FIG. 13

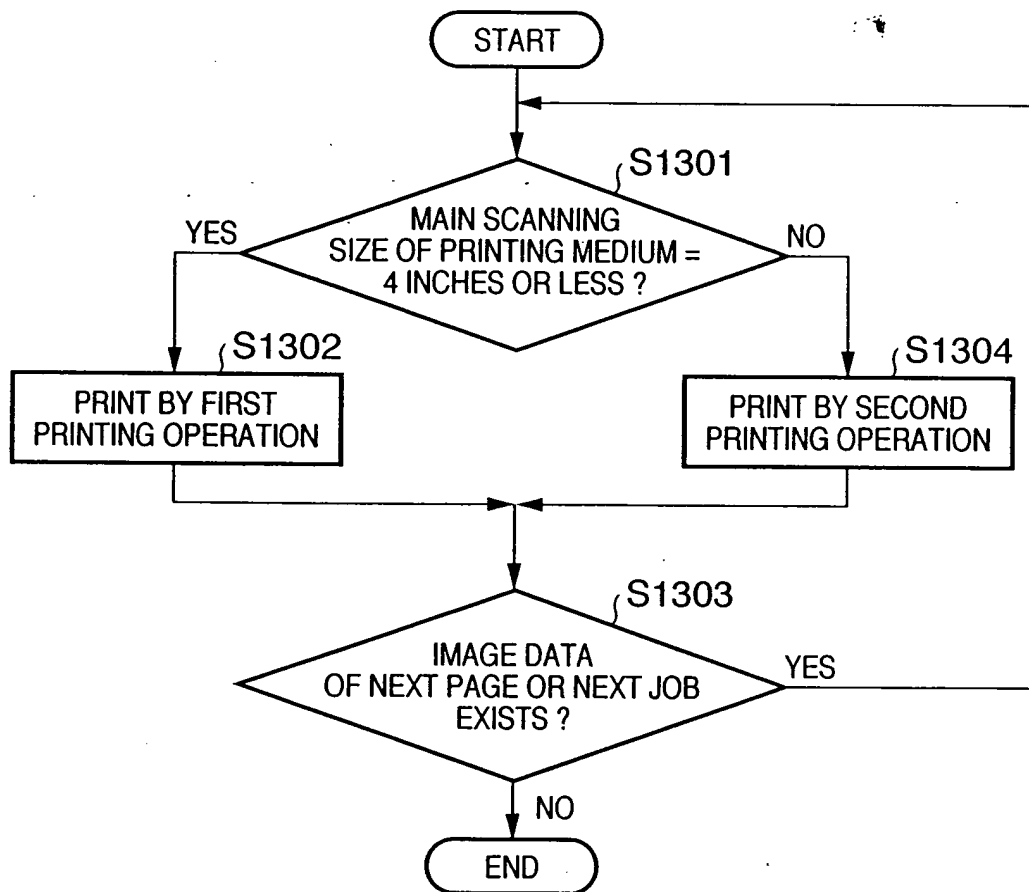
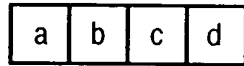
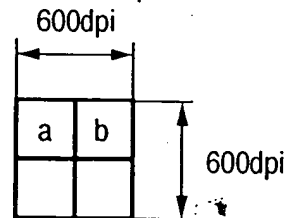


FIG. 14A**FIG. 14B****FIG. 14C**

QUANTIZATION LEVEL	DOT LAYOUT (INK DROPLET ADHERING POSITION)
0	
1	
2	
3	
4	

FIG. 15A

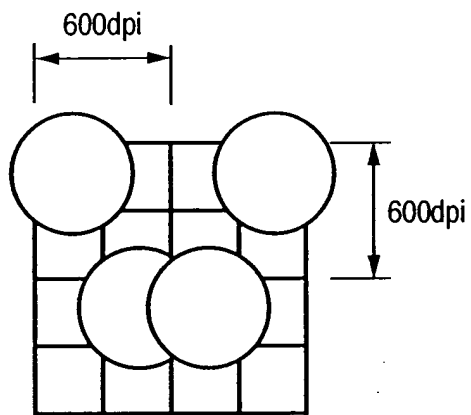


FIG. 15B

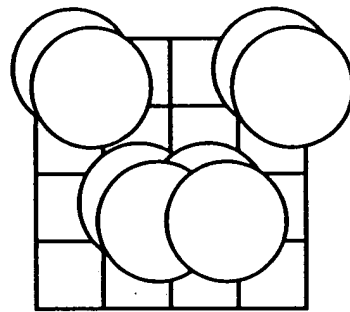


FIG. 15C

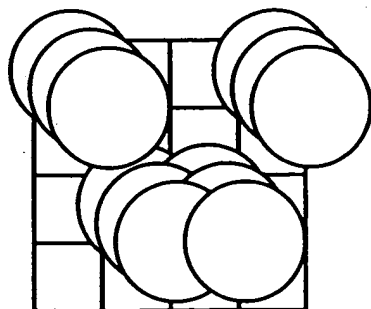


FIG. 15D

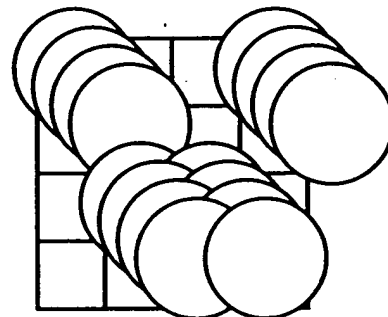


FIG. 16

	SUB-SCANNING SIZE OF PRINTING MEDIUM	DENSITY UNEVENNESS IN MAIN SCANNING DIRECTION AND SUB-SCANNING DIRECTION	GRAININESS
FIRST PRINTING OPERATION	5 INCHES	◎	○
	6 INCHES	○	○
	7 INCHES	△	○
	8 INCHES	×	○
	9 INCHES	×	◎
	10 INCHES	× ×	◎
SECOND PRINTING OPERATION	5 INCHES	◎	△
	6 INCHES	○	△
	7 INCHES	○	○
	8 INCHES	○	○
	9 INCHES	○	○
	10 INCHES	○	○

FIG. 17

	SUM OF MAIN SCANNING AND SUB-SCANNING SIZES OF PRINTING MEDIUM	DENSITY UNEVENNESS IN MAIN SCANNING DIRECTION AND SUB-SCANNING DIRECTION	GRAININESS
FIRST PRINTING OPERATION	8 INCHES	◎	○
	10 INCHES	○	○
	12 INCHES	△	○
	14 INCHES	×	○
	16 INCHES	×	◎
	18 INCHES	× ×	◎
SECOND PRINTING OPERATION	8 INCHES	◎	△
	10 INCHES	○	△
	12 INCHES	○	○
	14 INCHES	○	○
	16 INCHES	○	○
	18 INCHES	○	○

FIG. 18

	MAIN SCANNING PRINTING SIZE OF IMAGE DATA	DENSITY UNEVENNESS IN MAIN SCANNING DIRECTION AND SUB-SCANNING DIRECTION	GRAININESS
FIRST PRINTING OPERATION	3 INCHES	◎	○
	4 INCHES	○	○
	5 INCHES	△	○
	6 INCHES	×	○
	7 INCHES	×	◎
	8 INCHES	× ×	◎
SECOND PRINTING OPERATION	3 INCHES	◎	△
	4 INCHES	○	△
	5 INCHES	○	○
	6 INCHES	○	○
	7 INCHES	○	○
	8 INCHES	○	○

FIG. 19

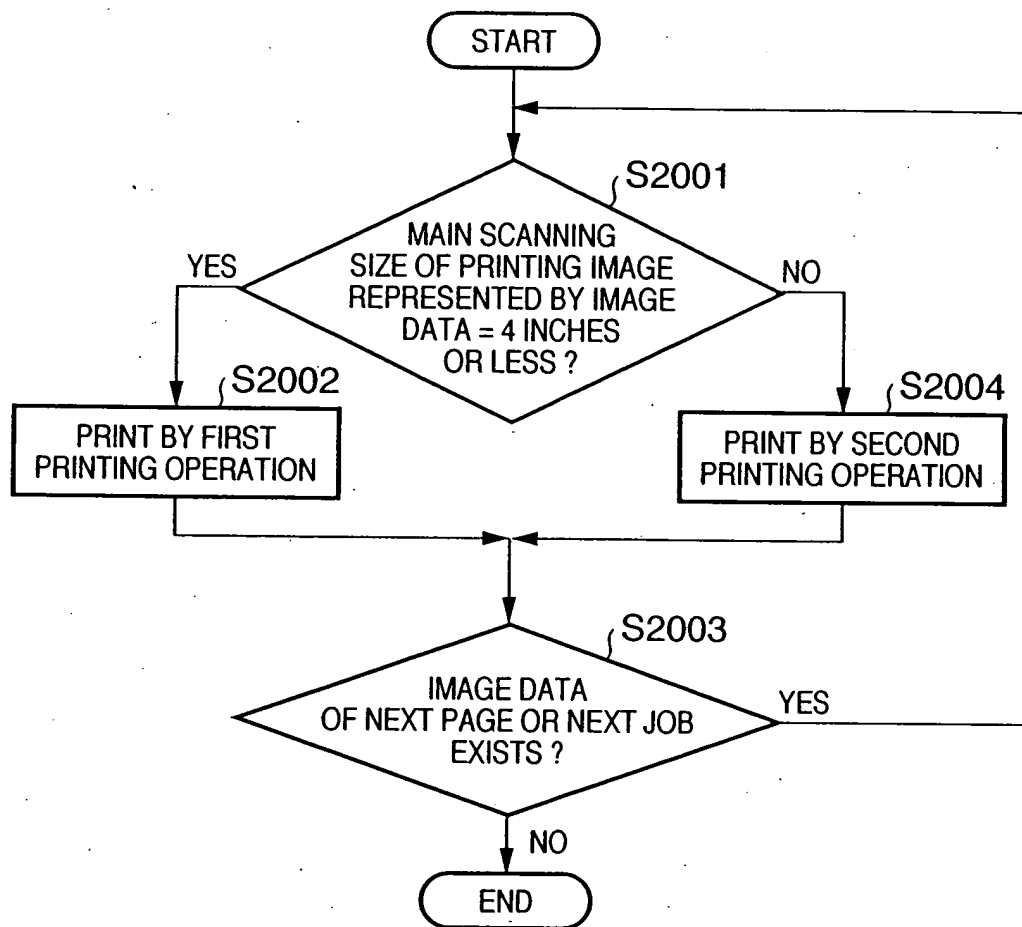


FIG. 20

	SUB-SCANNING PRINTING SIZE OF PRINTING DATA	DENSITY UNEVENNESS IN MAIN SCANNING DIRECTION AND SUB-SCANNING DIRECTION	GRAININESS
FIRST PRINTING OPERATION	5 INCHES	◎	○
	6 INCHES	○	○
	7 INCHES	△	○
	8 INCHES	×	○
	9 INCHES	×	◎
	10 INCHES	× ×	◎
SECOND PRINTING OPERATION	5 INCHES	◎	△
	6 INCHES	○	△
	7 INCHES	○	○
	8 INCHES	○	○
	9 INCHES	○	○
	10 INCHES	○	○

FIG. 21

	SUM OF MAIN SCANNING AND SUB-SCANNING PRINTING SIZES OF PRINTING DATA	DENSITY UNEVENNESS IN MAIN SCANNING DIRECTION AND SUB-SCANNING DIRECTION	GRAININESS
FIRST PRINTING OPERATION	8 INCHES	◎	○
	10 INCHES	○	○
	12 INCHES	△	○
	14 INCHES	×	○
	16 INCHES	×	◎
	18 INCHES	× ×	◎
SECOND PRINTING OPERATION	8 INCHES	◎	△
	10 INCHES	○	△
	12 INCHES	○	○
	14 INCHES	○	○
	16 INCHES	○	○
	18 INCHES	○	○

FIG. 22

